

Product: 3-Day Forecast

Issued: 2012 Nov 14 0030 UTC

Prepared by the U.S. Dept. of Commerce, NOAA, Space Weather Prediction Center

#### A. NOAA Geomagnetic Activity Observation and Forecast

The greatest observed 3 hr Kp over the past 24 hours was 4 (NOAA Scale none).

The greatest expected 3 hr Kp for Nov 14-Nov 16 2012 is 4 (NOAA Scale none).

#### NOAA Kp index breakdown Nov 14-Nov 16 2012

	Nov 14	Nov 15	Nov 16
00-03UT	4	3	2
03-06UT	2	2	1
06-09UT	2	2	1
09-12UT	2	2	1
12-15UT	2	2	1
15-18UT	2	2	1
18-21UT	2	2	2
21-00UT	2	1	2

Rationale: No geomagnetic storms are expected during the forecast period.

#### B. NOAA Solar Radiation Activity Observation and Forecast

Solar radiation, as observed by NOAA GOES-13 over the past 24 hours, was below S-scale storm level thresholds.

#### Solar Radiation Storm Forecast for Nov 14-Nov 16 2012

	Nov 14	Nov 15	Nov 16
S1 or greater	10%	10%	10%

Rationale: A slight chance for Solar Radiation conditions exceeding NOAA Scale S1 is forecast due to solar flare activity likely to occur from Region 1613.

#### C. NOAA Radio Blackout Activity and Forecast

Radio blackouts reaching the R2 levels were observed over the past 24 hours. The largest was at Nov 13 2012 0204 UTC

#### Radio Blackout Forecast for Nov 14-Nov 16 2012

	Nov 14	Nov 15	Nov 16
R1-R2	65%	65%	65%
R3 or greater	15%	15%	15%

Rationale: Radio blackouts of NOAA Scale R1-R2 are likely and a chance for R3 or greater exist for the next 3 days due to the magnetic complexity and historical activity of Region 1613.